ALGEBRANIMALS

Mr. Merrick · Division 2 Mathematics · October 15, 2025

Puzzle 1

sloth + sloth + sloth = 15

owl + sloth + hippo = 21

sloth + hippo = 14

hippo = ☐
sloth = ☐
owl = ☐

Puzzle 2

cat + hamster = 14

cat + hamster + hamster = 25

koala − cat = 5

hamster = ☐
cat = ☐
koala = ☐

Puzzle 3

panda + panda + panda + hippo = 15

hedgehog + panda = 10

panda + hippo + panda + hippo = 14

hippo = ☐
panda = ☐
hedgehog = ☐

penguin + penguin + penguin + penguin = 16

bear + penguin = 12

squirrel + penguin = 14

penguin = ☐

bear = ☐

squirrel = ☐

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mouse + pig = 11

mouse + mouse + wolf = 19

pig + wolf = 12

mouse = ☐

pig = ☐

wolf = ☐

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chicken + chicken = 12

dog + chicken = 16

chicken + anteater = 13

chicken = ☐

dog = ☐

anteater = ☐

(meerkat) + (hedgehog) + (hippo) = 21

(hedgehog) + (hippo) = 13

(meerkat) + (hedgehog) = 9

(meerkat) = ☐

(hedgehog) = ☐

(hippo) = ☐

(bat) + (bat) + (bat) = 12

(bee) + (bat) = 11

(ladybug) + (bee) = 9

(bat) = ☐

(bee) = ☐

(ladybug) = ☐

(elephant) + (sloth) − (panda) = 4

(sloth) + (panda) = 12

(elephant) + (sloth) = 9

(elephant) = ☐

(sloth) = ☐

(panda) = ☐

penguin + cat + hedgehog = 18

hedgehog + penguin = 11

cat + hedgehog = 9

penguin = ☐
cat = ☐
hedgehog = ☐

squirrel + squirrel = 8

cat − dog = 8

cat + squirrel + dog + squirrel = 24

cat = ☐
squirrel = ☐
dog = ☐

bear + pig = 13

penguin + penguin + penguin + penguin = 12

bear + penguin = 10

bear = ☐
pig = ☐
penguin = ☐

koala + koala = 16

koala + owl = 14

quokka + owl = 11

koala = ☐

owl = ☐

quokka = ☐

snowman + anteater = 11

snowman − anteater = 7

koala(grey) + anteater = 9

snowman = ☐

anteater = ☐

koala(grey) = ☐

squirrel + quokka = 8

wolf + squirrel = 13

wolf + quokka = 11

squirrel = ☐

wolf = ☐

quokka = ☐

penguin + hamster + hedgehog = 12

penguin − hedgehog = 4

hamster + hedgehog = 6

penguin = ☐

hamster = ☐

hedgehog = ☐

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bear + cat = 14

bear + owl = 16

owl + cat = 12

bear = ☐

cat = ☐

owl = ☐

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cat + pig = 14

dog + pig = 9

cat + dog = 17

cat = ☐

pig = ☐

dog = ☐

🐧 + 🐼 = 10

🦛 − 🐼 = 4

🦛 + 🐼 = 16

🐧 = ☐

🐼 = ☐

🦛 = ☐

🐹 + 🦥 = 12

🐘 − 🐹 = 5

🐘 − 🦥 = 7

🐹 = ☐

🦥 = ☐

🐘 = ☐

🐔 + 🐀 = 13

🦫 − 🐔 = 4

🦫 − 🐀 = 9

🐔 = ☐

🐀 = ☐

🦫 = ☐

🐷 + 🐺 = 14

🐷 − 🐿️ = 6

🐺 − 🐿️ = 4

🐷 = ☐

🐺 = ☐

🐿️ = ☐

🐻 − 🦉 = 3

🦉 + 🦔 = 11

🐻 − 🦔 = 8

🦉 = ☐

🐻 = ☐

🦔 = ☐

🐨 + 🐱 + 🐼 = 22

🐨 − 🐱 = 3

🐼 + 🐱 = 13

🐨 = ☐

🐱 = ☐

🐼 = ☐